

ABSTRACT

An information storage apparatus includes a recording medium having a user region including user sectors, an alternative region having
5 alternative sectors, and a preparatory region provided in the front of the user region, having preparatory sectors that are used when the user sectors and the alternative sectors are relocated. The preparatory region and the user region are
10 provided in this order, and the user data of posteriori defective sectors are stored in the alternative sectors. Since the user sectors and the alternative sectors are rearranged over the preparatory region and the user region in the order
15 of logical block addresses, the seek operations of the head can be minimized, and the transfer rate can be improved.